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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/815,289
Filing Date	April 1, 2004
First Named Inventor	CHONG, G.
Art Unit	3676
Examiner Name	
Total Number of Pages in This Submission	5
Attorney Docket Number	5655-03

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Black & Decker Corporation		
Signature			
Printed Name	Richard J. Veltman		
Date	11/30/2004	Reg. No.	36,957

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Annette Korbach	Date	11-30-2004

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

Application Number	10/815,289
Filing Date	April 1, 2004
First Named Inventor	CHONG, G.
Examiner Name	
Art Unit	3676
Attorney Docket No.	5655-03

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☒ Deposit Account:

Deposit Account Number 022550

Deposit Account Name Black & Decker Corporation

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20 **	=	0	X	Fee from below	=	0
Independent Claims	-3 **	=	0	X		=	0
Multiple Dependent				X		=	0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180

SUBMITTED BY

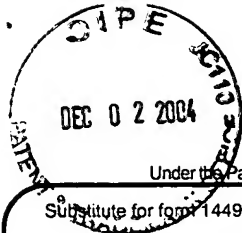
Name (Print/Type)	Richard J. Vetter	Registration No. (Attorney/Agent)	36,957	Telephone	410-716-3503
Signature		Date	11/30/04		

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Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/815,289
Filing Date	April 1, 2004
First Named Inventor	CHONG, G.
Art Unit	3676
Examiner Name	
Attorney Docket Number	5655-03

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		2004/0069030 A1	04/15/2004	TAKADAMA	
		2003/0154753 A1	08/21/2003	DIMIG et al.	
		2003/0089149 A1	05/15/2003	SUZUKI et al.	
		2003/0084692 A1	05/08/2003	HERDMAN	
		2003/0037582	02/27/2003	EDWARDS JR. et al.	
		6,776,017	08/17/2004	HERDMAN	
		6,564,601	05/20/2003	HYATT JR.	
		6,532,782	03/18/2003	CHIU	
		6,523,378	02/25/2003	KUO	
		6,516,643	02/11/2003	OLSHAUSEN	
		6,425,274	07/30/2002	LAITALA et al.	
		6,295,850	10/02/2001	ANDERSON	
		6,142,717	11/07/2000	STAIGER	
		6,134,928	10/24/2000	KANG	
		6,119,495	09/19/2000	LORETI	
		6,079,240	06/27/2000	SHVARTS	
		6,076,386	06/20/2000	ETCHELLS et al.	
		6,047,577	04/11/2000	KLIMAS	
		6,029,484	02/29/2000	JETTON	
		5,979,200	11/09/1999	CLIFF	
		5,970,760	10/26/1999	SHEN	
		5,921,123	07/13/1999	SCHWARZKOPF et al.	
		5,921,122	07/13/1999	LIN	
		5,884,512	03/23/1999	WAYNE	
		5,791,181	08/11/1998	SPERBER et al.	
		5,765,417	06/16/1998	BOLTON	
		5,752,400	05/19/1998	KIM	
		5,718,136	02/17/1998	ALDIERI et al.	
		5,704,234	01/06/1998	RESCH	
		5,640,865	06/24/1997	WIDÉN	
		5,540,071	07/30/1996	REIKHER	
		5,431,034	07/11/1995	FANN et al.	
		5,428,978	07/04/1995	TSUKANO	
		5,325,690	07/05/1994	ADLER et al.	
		5,233,850	08/10/1993	SCHROEDER	
		5,211,044	05/18/1993	KIM	

Examiner
Signature

Date
Considered

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Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/815,289
Filing Date	April 1, 2004
First Named Inventor	CHONG, G.
Art Unit	3676
Examiner Name	
Attorney Docket Number	5655-03

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		5,209,088	05/11/1993	VAKS	
		5,174,136	12/29/1992	THWING	
		5,121,619	06/16/1992	MARTIN	
		5,076,081	12/31/1991	BORIS, JR.	
		5,044,180	09/03/1991	LEBRECHT	
		5,038,589	08/13/1991	MARTIN	
		5,024,071	06/18/1991	SHAFIRKIN	
		5,010,753	04/30/1991	BORIS, JR.	
		4,996,856	03/05/1991	LIN et al.	
		4,966,021	10/30/1990	BOAG	
		4,942,749	07/24/1990	RABINOW	
		4,920,774	05/01/1990	MARTIN	
		4,912,953	04/03/1990	WOBIG	
		4,909,053	03/20/1990	ZIPF III et al.	
		4,899,563	02/13/1990	MARTIN	
		4,850,210	07/25/1989	ADLER et al.	
		4,836,002	06/06/1989	MONAHAN	
		4,794,772	01/03/1989	FALK et al.	
		4,765,163	08/23/1988	TRULL et al.	
		4,747,281	05/31/1988	MONAHAN	
		4,741,188	05/03/1988	SMITH	
		4,732,023	03/22/1988	SHEN	
		4,729,231	03/08/1988	WU	
		4,712,402	12/15/1987	MONAHAN	
		4,712,401	12/15/1987	MONAHAN	
		4,712,399	12/15/1987	MATTOSSOVICH	
		4,689,978	09/01/1987	DRUMMOND	
		4,440,009	04/03/1984	SMITH	
		4,412,437	11/01/1983	SMITH	
		4,404,824	09/20/1983	HENNESSY	
		4,393,673	07/19/1983	WIDÉN	
		4,377,940	03/29/1983	HUCKNALL	
		4,376,382	03/15/1983	RAYMOND et al.	
		4,372,139	02/08/1983	LAAKE	
		4,320,639	03/23/1982	KLEEFELDT et al.	
		4,142,391	03/06/1979	PAIG	

Examiner
Signature

Date
Considered

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	First Named Inventor	CHONG, G.		
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Sheet	3	of	3	Attorney Docket Number
				5655-03

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		4,094,175	06/13/1978	PECHNER	
		4,069,694	01/24/1978	RAYMOND et al.	
		4,015,458	04/05/1977	MERCURIO	
		3,999,413	12/28/1976	RAYMOND et al.	
		3,990,282	11/09/1976	SORUM	
		3,910,083	10/07/1975	BURLINGAME	
		3,754,422	08/28/1973	STACKHOUSE	
		3,735,612	05/29/1973	POPOVICI	
		3,728,880	04/24/1973	FALK	
		3,726,116	04/10/1973	DIMOTTA	
		3,667,262	06/06/1972	HILL	
		3,589,153	06/29/1971	HILL	
		3,320,781	05/23/1967	HILL	
		3,190,093	06/22/1965	SCHLAGE	
		3,183,692	05/18/1965	CHECK	
		3,149,486	09/22/1964	RUSSELL	
		2,977,786	04/04/1961	MARRON KENDRICK et al.	
		2,895,323	07/21/1959	ERNEST	
		2,391,832	12/25/1945	JOHNSTONE	
		2,370,862	03/06/1945	JOHNSTONE	
		2,232,017	02/18/1941	WILDER	
		2,194,469	03/26/1940	FREMONT	
		2,139,842	12/13/1938	MILLER	
		1,965,889	07/10/1934	GERALD	
		1,610,224	12/07/1926	CARLO DALBONI et al.	
		1,565,556	12/15/1925	FREMONT	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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